SEQUENCE LISTING

```
<110>  Srinivasan, Ananthachari
       Erion, Jack L.
       Schmidt, Michelle A.

<120>  LABELED NEUROTENSIN DERIVATIVES

<130>  1405Q

<140>  US/10/036,918
<141>      2003-04-21

<150>      60/140,913
<151>      1999-06-23

<150>  60/213,068
<151>      2000-06-21

<160>  6

<170>  PatentIn Ver. 2.0

<210>  1
<211>  13
<212>  PRT
<213>  Artificial Sequence

<220>  Derived from Homo sapiens
<221>  MOD_RES
<222>      (1)
<223>      Pyroglutamic acid.

<400>  1
Xaa Leu Tyr Glu Asn Lys Pro Arg Arg Pro Tyr Ile Leu
  1               5                  10

<210>  2
<211>  6
<212>  PRT
<213>  Artificial Sequence

<220>
<221>  MOD_RES
<222>  (1)
<223>      Diethylenetriamine pentaacetic acid (DTPA) is coupled
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2

to this residue.

<220>
<221> MOD_RES
<222> (1)..(2)
<223>   These two residues are joined by a pseudo peptide
bond.

<220>
<223> Description of Artificial Sequence:Synthetic peptide with
a pseudopeptide bond.

<400> 2
Lys Arg Pro Tyr Ile Leu
  1   5

<210> 3
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<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)
<223>   Diethylenetriamine pentaacetic acid (DTPA) is coupled
to this residue.

<220>
<223>   Description of Artificial Sequence:Synthetic peptide.

<400>   3
Arg Arg Pro Tyr Ile Leu
  1   5

<210> 4
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)
<223> Diethylenetriamine pentaacetic acid (DTPA) is coupled to
this residue.

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<220>
<221> MOD_RES
<222> (1)
<223>      This residue is piperidinylglycine.


<220>
<221> MOD_RES
<222> (3)
<223>      This residue is (N-amidinopiperidinyl) glycine.


<220>
<221> MOD_RES
<222> (7)
<223>      This residue is t-butylglycine.


<220>
<223>      Description of Artificial Sequence:Synthetic peptide.


<400> 4
Xaa Pro Xaa Arg Pro Tyr Xaa Leu
 1                   5


<210> 5
<211> 8
<212> PRT
<213> Artificial Sequence


<220>
<223>      Description of Artificial Sequence:Synthetic peptide.


<220>
<221>      MOD_RES
<222> (1)
<223> Diethylenetriamine pentaacetic acid (DTPA) is coupled to
this residue.


<220>
<221>      MOD_RES
<222>      (1)
<223>      This residue is trans-(4-aminomethyl)
cyclohexylalanine.


<220>
<221> MOD_RES
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4

<222>   (3)
<223>   This residue is (N-amidinopiperidinyl) glycine.

<220>
<221> MOD_RES
<222> (7)
<223> This residue is t-butylglycine.

<400>   5
Xaa Pro Xaa Arg Pro Tyr Xaa Leu
  1   5

<210> 6
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic peptide.

<220>
<221> MOD_RES
<222> (1)
<223>   Diethylenetriamine pentaacetic acid (DTPA) is coupled
to this residue.

<220>
<221>   MOD_RES
<222>   (1)
<223>   This residue is piperidinylalanine.

<220>
<221> MOD_RES
<222>   (3)
<223>   This residue is (N-amidinopiperidinyl) glycine.

<220>
<221> MOD_RES
<222> (7)
<223> This residue is t-butylglycine.

<400>   6
Xaa Pro Xaa Arg Pro Tyr Xaa Leu
  1   5

5